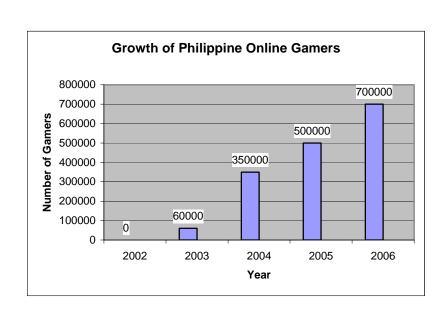


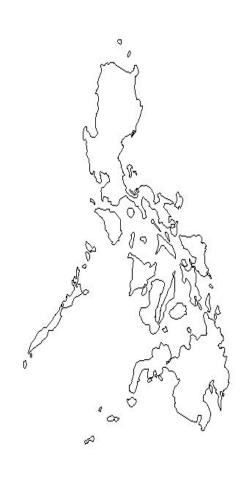
## ONLINE GAMING

## **Market Overview**

- Online gaming is the current trend in the Philippine digital entertainment industry.
- Subscribership grew 171% in 2004 to 350,000.
- > Revenues hit \$2.8 million in 2003 from nearly zero in 2002.
  - ✓ 2004 revenue expected to hit US\$10 million.
- Sharp growth of Internet Cafés expanding gaming demand.
- Expanded broadband Internet access will further drive demand.
- Telecom operators are currently increasing bandwidth to handle increased phone consumption.
  - ✓ Philippines is the largest mobile-text market in the world.
- Massive multiplayer online role-playing games (MMORPGs) are the game of choice.







## Competition

- Online content is nearly 100% imported.
- Korean developed games dominate the industry. Ragnarok is the leading online game
- > U.S. is a distance second.
  - ✓ U.S. online games played locally are Half Life II and Empire Earth.
  - ✓ Philippine game publishers are participating in a bid to bring U.S. developed, World of Warcraft, into the market.
- Other locally available online games: Oz World, Khan: The Absolute Power, MU Online, GunBound, Tantra, Prison Tale, Skyblade
- No local online game developers. Local game development is limited to the PC, console and mobile segments.

## Commercial Opportunities

- > U.S. content is popular, and market uptake for new games is immediate.
- Gaming popularity is driving demand for PC sophistication.
  - ✓ Avid usage requires an IT infrastructure, specifically a server farm (including switches), with consistent output and reliable, expansion-ready performance with no downtime.
- Concurrent growth is taking place in PC accessories to support Gaming, including Graphics Media Accelerator, Express Graphic Utilization, High-Definition Audio and Audio/Video Multi-Streaming.
- Continued growth in online game is driving demand for more PCs (new or refurbished). Minimum system requirements for PCs are:
  - Environment: Windows 98, Win ME, Windows 2K, Win XP, DirectX
    8.1 or higher
  - CPU: Pentium III 600 Mhz
  - RAM: 256 MB
  - VGA: 3D Acceleration Video Card /w 32MB RAM
  - HDD: 1.2GB of available space

